(continued) Appendix B. Repairer PMCS

Table B-5. TM 8-6515-003-24&P, Electrosurgical Apparatus, Mdl Force 2

ITEM NO	INTERVAL B	D	A	Q	S	ITEM TO BE INSPECTED AND PROCEDURE	EQUIPMENT IS NOT READY/AVAILABLE IF:
1					X	**ES apparatus.**	
						a. Verify that components, accessories, and electrodes have been inventoried by operator/user personnel.	Missing components, accessories, or electrodes prevent operation of the ES apparatus.
						b. Check for broken, worn, or damaged front and rear panel switches, indicators displays, and receptacles.	Broken, worn, or damaged controls prevent operation of the unit.
						c. Check the electrical power cord assembly for cuts, fraying, deterioration, and a worn or damaged connector.	Worn, damaged, or deteriorated cable assembly prevents safe operation of the ES apparatus.
						d. Verify that electrical safety tests have been completed as scheduled.	Safety deficiencies preclude safe operation.
						e. Check that the electrical power cord and facility electrical power are properly grounded and the polarity is correctly phased.	Grounding or electrical power polarity problems cause unsafe operation.
						f. Verify that the operating environment is free of flammable gases, liquids, and materiels.	Fire or explosion hazard or an unsafe condition exists.
						g. Verify that all output wattages precisely meet the specified ranges.	Wattage variations pose a potential risk of injury to patients.
						NOTE Power ranges are: "MBP" - 1 to 70 "WATTS," "CUT" - 1 to 300 "WATTS," "COAG" - 1 to 120 "WATTS," Low voltage "COAG" - 1 to 99 "WATTS."	
						h. Check the fuse and fuse holder for corrosion or damage. Verify the fuse rating.	The condition of the fuseholder and/or fuse prevents operation or this safety device.
						i. Remove dust from the electronic chassis by using air pressure in the range of 9 to 15 psi. Use a small brush to help dislodge debris.	Damaged or corroded components, wires, etc. cause unsafe operation or prevent operation.
						WARNING Disconnect electrical power from the ES apparatus prior to removing the top cover. High voltage is present on the electrical power connector, electrical power switch, and the aluminum heat sinks on the PSRF PCB.	
						CAUTION The ES apparatus contains static-sensitive devices. Open the chassis only at a static free work station.	
						NOTE Remove the ES apparatus top cover and the plastic electronics cover to access the electronic chassis.	
						j. Visually inspect each PCB for corroded broken, or discolored components.	Damaged or corroded PCBs, components, or wiring prevent operation.
						k. Perform the operational tests.	The tests indicate a specific mode or overall malfunction.
2				X		**Shipping/storing chest.** Inspect the interior foam insulation and the ES apparatus for evidence of moisture after exposure to rain or snow.	An unserviceable lid gasket or a crack/puncture allows moisture to cause an electrical hazard or a malfunction.
3				X		**Cable assembly.** Inspect the cable assembly on each accessory for cuts, fraying, deterioration, and worn or broken connectors.	Extensive wear or damage prevents the required electrosurgical procedure(s).